

FORM 1449A/PTO Complete if Known

INFORMATION DISCLOSURE STATEMENT BY APPLICANT

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Application Number	09/320,950
Filing Date	May 27, 1999
First Named Inventor	John N. Glover
Group Art Unit	1723
Examiner Name	
Attorney Docket Number	2797.004

Sheet 1 of 5

U.S. PATENT DOCUMENTS					
Examiner Initials*	Cite No.	U.S. Patent Document		Name of Patentee	Date of Publication of Cited Document MM-DD-YYYY
		Number	Kind Code (if known)		
<i>DLH</i>	AA	DES. 381,394		Lex, Jr. et al.	07-22-1997
<i>DLH</i>	AB	436,414		Graham	09-16-1890
<i>DLH</i>	AC	578,548		Deruelle	03-09-1897
<i>DLH</i>	AD	598,351		Staub	02-01-1898
<i>DLH</i>	AE	1,947,777		Huff et al.	02-20-1934
<i>DLH</i>	AF	2,183,657		Page	12-19-1939
<i>DLH</i>	AG	2,212,932		Fairlie	08-27-1940
<i>DLH</i>	AH	2,571,958		Slaughter et al.	10-16-1951
<i>DLH</i>	AI	2,739,118		Carey	03-20-1956
<i>DLH</i>	AJ	2,919,981		Calva	01-05-1960
<i>DLH</i>	AK	3,090,094		Schwartzwalder, et al.	05-21-1963
<i>DLH</i>	AL	3,151,187		Comte	09-29-1964
<i>DLH</i>	AM	3,169,839		Calva	02-16-1965
<i>DLH</i>	AN	3,208,833		Carson	09-28-1965
<i>DLH</i>	AO	3,361,839		Lester	01-02-1968
<i>DLH</i>	AP	3,423,185		Ballard et al.	01-21-1969
<i>DLH</i>	AQ	3,431,082		Sellin	03-04-1969
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<i>DLH</i>	AT	3,732,078		Kassarjian	05-08-1973
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<i>DLH</i>	AV	3,844,936		Newson	10-29-1974
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<i>DLH</i>	AX	3,898,180		Crooks et al.	08-05-1975
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<i>DLH</i>	BB	4,033,727		Vautrain	07-05-1977
<i>DLH</i>	BC	4,149,862		Sewell, Sr.	04-17-1979

Examiner Signature	<i>Daniel Asher</i>	Date Considered	<i>7/27/05</i>
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Sheet 2 of 5

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		Number	Kind Code (if known)		
<i>FLD</i>	BD	4,197,205		Hirs	04-08-1980
	BE	4,285,910		Kennedy, Jr.	08-25-1981
	BF	4,329,318		Le Grouyellec et al.	05-11-1982
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	BH	4,374,020		Trevino et al.	02-15-1983
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	BN	4,775,460		Reno	10-04-1988
	BO	4,788,040		Campagnolo et al.	11-29-1988
	BP	4,830,736		Hung et al.	05-16-1989
	BQ	4,971,771		Stahl	11-20-1990
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	BT	5,013,426		Dang Vu et al.	05-07-1991
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	BY	5,217,603		Inoue, et al.	06-08-1983
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	CC	5,336,656		Campbell	08-09-1994
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	CE	5,384,302		Gerdas, et al.	01-24-1995
	CF	5,399,535		Whitman	03-21-1995
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Examiner Signature	<i>David Lohin</i>	Date Considered	4/14/00
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Sheet 3 of 5

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		Number	Kind Code (if known)		
<i>DL</i>	CH	5,624,547		Sudhakar et al.	04-29-1997
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		Office	Number	Kind Code (if known)			
<i>DL</i>	CJ	DE	585 595		Schlick	10-07-1933	No
	CK	UK	374,707		Harrington et al.	07-07-1932	
	CL	UK	933,124		Carl-Zeiss-Stiftung	08-08-1963	
	CM	UK	267,877		Strack et al.	04-14-1927	
	CN	FR	FR2480137		Petitcollin	10-16-1981	
	CO	EP	EP0260826A1		Twigg	03-23-1988	
<i>DL</i>	CP	EP	EP0719578A1		Nowobilski, et al.	077-03-1996	

OTHER DOCUMENTS				
Examiner Initials*	Cite No.	Include name of author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.) date, page(s), volume-issue number(s), publisher, city and/or country where published.	Translation?	
DL	CQ	RASHMI NARAYAN; Particle Capture From Non-Aqueous Media on Packed Beds; Dept. of Chemical and Materials Engineering; Fall 1996; Edmonton Alberta		
DL	CR	DR. KEN J. MILLS; Ceramic Guard Bed Materials; Seminar for CatCon '98; June 3-5 1998; Akron Ohio		

Examiner Signature	<i>David Lohr</i>	Date Considered	4/1/00
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Sheet 4 of 5

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JZL	CR	KENNETH R. BUTCHER; Reticulated Ceramic Foam as a Catalyst Support; Seminar for CatCon '98; June 3-5, 1998; Akron Ohio.	
	CS	WOODWARD, ET AL.; Akzo Chemicals' Guard Bed Technology; 1991.	
	CT	Norton Chemical Process Products Corp.; Denstone Inert Catalyst Bed Supports; 1992; Akron Ohio.	
	CU	Petro Ware, Inc.; 86 Catalyst Support Media "Premium Quality from Beginning to End" ; Crooksville, Ohio.	
	CV	STROM, ET AL.; Advanced Reticulated Ceramics; Hi-Tech Ceramics; p. 14-19.	
	CW	SWEETING, ET AL.; Reticulated Ceramics for Catalyst Support Applications; Hi-Tech Ceramics, Inc.; November 30, 1994.	
	CX	Hi-Tech Ceramics; Reticel, Designing the Future with Advanced Reticulated Ceramics; Product Brochure; undated.	
	CY	Ceramic Industry Cover Page and Table of Contents; Vol. 147, No. 3, March 1997.	
	CZ	Selee Corporation; Product Brochure; undated.	
	DA	Saxonburg Ceramics Incorporated; Product Material Specifications; undated.	
	DB	FOSECO Home Page; Internet; p. 1-3; February 21, 1997.	
	DC	Selee Corporation Home Page; Internet	
	DD	Selee Corporation; Ceramic Foam for Thermal/Kiln Furniture Applications; Ceramic Foam Kiln Furniture Physical Property Data Sheet; November 14, 1996.	
	DE	NPRA Q&A Session on Refining And Petrochemical Technology; Section B. Hydrotreating; p. 85-101; 1990.	
	DF	NPRA Q&A Session on Refining And Petrochemical Technology; Section B. Hydrotreating; p. 98-118; 1991.	
	DG	NPRA Q&A Session on Refining And Petrochemical Technology; Section B. Hydrotreating; p.104-135; 1992.	
	DH	NPRA Q&A Session on Refining And Petrochemical Technology; Section B. Hydrotreating; p. 94-112; 1993.	
	DI	NPRA Q&A Session on Refining And Petrochemical Technology; Section B. Hydrotreating; p. 98-139; 1994.	
	DJ	NPRA Q&A Session on Refining And Petrochemical Technology; Section B. Hydrotreating; p.96-123; 1995.	
	DK	NPRA Q&A Session on Refining And Petrochemical Technology; Section B. Hydrotreating; p. 131-160; 1996.	
JZL	DL	Koch; Reactor Internals by Koch, Your Way; undated.	

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JLQ	DM	HICKMAN, ET AL.; Production of Syngas by Direct Catalytic Oxidation of Methane; Science; Vol. 259; p. 343-346; January 15, 1993.	
	DN	GKN Sinter Metals; Design Ideas and Application - Porous Discs; undated.	
	DO	Sinter Metals; High Porosity SIKA-R...IS™, Porous Metal Filter Elements; undated.	
	DP	Sinter Metals; Tool List, Seamless SIKA-Elements; undated.	
	DQ	Sinter Metals; High Porosity Sintered Materials; p. 1-16; undated.	
	DR	Christy Refractories Company; Prox-Svers Catalyst Support Media; 4/95.	
	DS	Haldor Topsoe, Inc.; Material Safety Data Sheet Inert Topping TK-10; p. 1-4; 1992.	
JLQ	DT	Criterion; Top Bed Catalysts and Support; undated.	

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Examiner Signature	David J. L. J. L.	Date Considered	4/14/00
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